



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 84 66 05

**Classification of the application (IPC):**  
A61B 5/00, A61B 5/024, A61B 5/145, A61B 5/1455, A61B 5/022

**Technical fields searched (IPC):**  
A61B

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                       |                      |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                         | Relevant to claim    |
| X                                   | WO 2017208645 A1 (UNIV KYUSHU NAT UNIV CORP [JP])<br>07 December 2017 (2017-12-07)                                                                                    | 1-5, 8, 10,<br>12-15 |
| Y                                   | * the whole document *                                                                                                                                                | 6, 7, 11             |
| A                                   |                                                                                                                                                                       | 9                    |
| E                                   | & US 2020323438 A1 (SAWADA RENSHI [JP] ET AL)<br>15 October 2020 (2020-10-15)<br>* paragraphs [0054], [0055], [0060], [0077], [0079], [0096] *<br>* figures 3, 4, 6 * | 1-5, 10, 12-15       |
| X                                   | US 2017055854 A1 (CHOUCAIR MAGED [US] ET AL)<br>02 March 2017 (2017-03-02)                                                                                            | 14, 15               |
| A                                   | * paragraphs [0060], [0061] *<br>* figure 6 *                                                                                                                         | 1-13                 |
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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| Place of search<br>The Hague | Date of completion of the search<br>24 July 2023 | Examiner<br>Worms, Georg |
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## CATEGORY OF CITED DOCUMENTS

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|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| X: particularly relevant if taken alone                                         | P: intermediate document                                               |
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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 84 66 05

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 24-07-2023  
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| Patent document cited<br>in search report |    | Publication<br>date | Patent family<br>member(s) |                 | Publication<br>date |
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